

WHAT IS CLAIMED IS:

1. Storage and distribution device (D) for parts such as rivets, of the type as that with a body (100) equipped with zones (100') to accommodate storage cartridges (200) for parts such as rivets, moved by a transport fluid, characterised in that it comprises at least one moving distribution head (300) which unitarily collects and evacuates the parts stored in the cartridge (200) in front of which it positions itself, the said mobile head being associated to a number of distribution tubes (310) whose diameter corresponds to the type of parts to be distributed.

2. Device (D) according to claim 1, characterised in that the said mobile head (300) is associated to a logic structure (400) creating a displacement plane of the said head (300) in front of the said cartridges (200).

3. Device (D) according to claim 1, of the same type as that associated to an applicator, characterised in that according to the diameter of the part required by the applicator, the mobile head (300) positions the end of a tube (310) of a suitable diameter in front of the outlet orifice of the cartridge (200) storing the parts required.

4. Device (D) according to claim 1, in which the cartridges (200) have a stored part outlet orifice (230), characterised in that the said tubes (310) of the head (300) are positioned in parallel to the axes of the outlet orifices (230) of the said cartridges (200) storing the parts to be distributed and via the movement of the said mobile head (300) are positioned coaxially to the axes of the outlet orifices.

5. Device (D) according to claim 1, characterised in that the said distribution tubes (310) of the head (300) move from a position where they are moved by means of the mobile head (300) to a position where one of their ends communicates with the cartridge (200) containing the parts to be distributed and vice versa.

6. Device (D) according to claim 1, characterised in that each cartridge (200) is associated to a wait chamber (110) that authorises the unitary exit of the parts it stores and with which the mobile head (300) communicates.

7. Device (D) according to claim 1, characterised in that the cartridges (200) are each equipped with a specific label with means of identification cooperating with one or more reading heads associated to the said distribution head (200) so that the head (200) can position the end of the correct tube (310) coaxially to the outlet of the correct cartridge (200).